

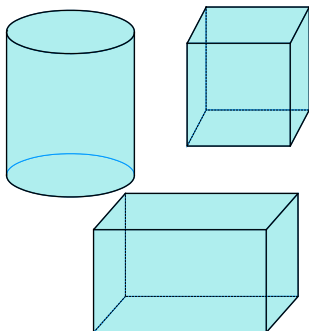
## Review for Chapters 12 and 13

Prisms and Cylinders

$$LA = ph$$

$$TA = LA + 2B$$

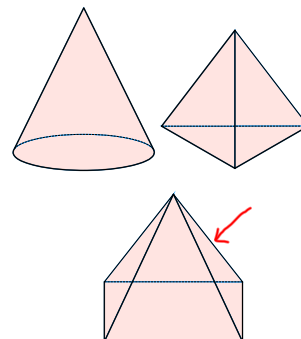
$$V = Bh$$

Pyramids and Cones

$$LA = \frac{1}{2}pl$$

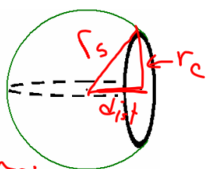
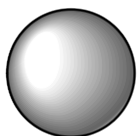
$$TA = LA + B$$

$$V = \frac{1}{3}Bh$$

Spheres

$$A = 4\pi r^2$$

$$V = \frac{4}{3}\pi r^3$$



$A = 3\pi r^2$   
Great Circle and Hemispheres

Similar Solids

Scale Factor

a:b

Ratio of Areas

 $a^2:b^2$ 

Ratio of Volumes

 $a^3:b^3$